

**METHOD AND SYSTEM FOR IMPLEMENTING A DIAGNOSTIC OR
CORRECTION BOOT IMAGE OVER A NETWORK CONNECTION**

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ABSTRACT

The present invention is directed to a system that initiates specific maintenance and diagnostic boot images on remote computers. The system is used to select a particular remote device over a network. A particular new boot image is also selected, and that boot image is tailored to operate a maintenance or diagnostic function on the target machine. The new boot image is downloaded to the target, and the target is rebooted with the new boot image. The new boot image is selected from other specific boot images. Upon 10 reboot, the new boot image performs the diagnostic or maintenance routines on the remote target machine. At some predetermined point, the original boot image is swapped back, and the machine rebooted once again. This returns the machine to its original image.